PTO/SB/30 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to

| Request | |
|---------|--|
| For | |

Continued Examination **Transmittal**

Address to: Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450



| a collection of information unless it displays a valid OMB control number. | | | | |
|--|-------------------|--|--|--|
| Application Number | 09/464,322 | | | |
| Filing Date | December 15, 1999 | | | |
| First Named Inventor | Heung-Kyu KWON | | | |
| Art Unit | 2815 | | | |
| Examiner Name | Chris C. CHU | | | |
| Attorney Docket Number | 25611-000085/US | | | |

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

| amendments and instructs otherwis | | Note: If the RCE is proper, any previously filed unentered CE will be entered in the order in which they were filed unless applicant e any previously filed unentered amendment(s) entered, applicant must | | | | | |
|--|---|--|-----------|--|--|--|--|
| | y submitted. If a final Office action is d as a submission even if this box is | s outstanding, any amendments filed after the final Office action may be s not checked. | ; | | | | |
| i. Consider the arguments in the Appeal Brief or Reply Brief previously filed on ii. Other September 14, 2006 Amendment | | | | | | | |
| | d Amendment/Reply Affidavit(s)/Declaration(s) | iii. | | | | | |
| 2. Miscellane | eous | | | | | | |
| a pe | pension of action on the above-iden riod ofmonths. (Period of susp er | stified application is requested under 37 C.F.R. 1.103(c) for pension shall not exceed 3 months; Fee under 37 C.F.R. 1.17(i) required) | | | | | |
| | | quired by 37 C.F.R. 1.114 when the RCE is filed. | | | | | |
| | Director is hereby authorized to cha osit Account No.08-0750 | arge the following fees, or credit any overpayments, to | | | | | |
| ii. 🔲 E iii. 🛛 C | RCE fee required under 37 C.F.R. 1. extension of time fee (37 C.F.R. 1.136) Other Any deficiency for a fee require | and 1.17) ed under 37 C.F.R. 1.16 or 1.17 | | | | | |
| _ | ck in the amount of \$ <u>910.00</u> enclos nent by credit card (Form PTO-2038 e | ed (\$790.00 RCE fee and 120.00 -1mo. ext. fee). | | | | | |
| WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | |
| | | ICANT, ATTORNEY, OR AGENT REQUIRED | | | | | |
| Name (Print /Type) | John A. Castellano | Registration No. (Attorney/Agent) 35,094 | | | | | |
| Signature | | Date October 23, 2006 | | | | | |
| CERTIFICATE OF MAILING OR TRANSMISSION | | | | | | | |
| envelope addressed to | s correspondence is being deposited with Mail Stop RCE, commissioner for Pate Office on the date shown below: | n the United States Postal Service with sufficient postage as first class mail in an ents, P. O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U | J.S. | | | | |
| Name (Print /Type) | | Express Mail Label No. | | | | | |
| Signature | V | Date | | | | | |
| his collection of informa | ation is required by 37 CFR 1.114. The in | nformation is required to obtain or retain a benefit by the public which is to file (ar | nd by the | | | | |

USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

10/25/2006 AWONDAF1 00000110 09464322

01 FC:1801 02 FC:1251 790.00 OP

120.00 OP

HDP/SB/17 (02-06)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| FEE TRANSMITTALON | | Complete if Known |
|---|----------------------|-------------------|
| FEE TRANSWITTAL | Application Number | 09/464,322 |
| for FY 2006 (OCT 23 | วุกุฟคูg Date | December 15, 1999 |
| \a_001_20 | First Named Inventor | Heung-Kyu KWON |
| Effective 2/8/2006. Patent fees are subject to annual revision. | Exampler Name | Chris C. CHU |
| Applicant claims small entity status. See 37 CF | Unit | 2815 |
| TOTAL AMOUNT OF PAYMENT (\$) 910 | Attorney Docket No. | 25611-0000085/US |

| Substitute Sub | | | (4) | | | Jy DOCK | 01110. | ļ | | |
|---|---|-------------------------------|----------------------|---------------|----------|-----------|-----------|------------|--|----------|
| Deposit Account Order | ME | THOD OF PAYMENT (ct | heck all that apply) | | | | | | ALCULATION (continued) | |
| Deposit Account | Mohada Diografia and Division | | 3. ADDITIONAL FEES | | | | | | | |
| Deposit Account Celebrate Celebrat | M Check | | ☐ Other ☐ N | one | Large | Entity | Sma | all Entity | t . | |
| 1952 50 2952 25 25 2952 25 2952 25 2952 295 | Deposit Accou | | | | | | | | Fee Description | Fee Paid |
| Deposit Account Harness, Dickey & Perce, PLC 1953 130 1953 130 1953 130 Non-English specification 1964 1967 1964 1 | Deposit | | | | 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| Deposit Account Name | | 08-0750 | | | 1052 | 50 | 2052 | 25 | | |
| Account Name | _ | | | | 1053 | 130 | 1053 | 130 | Non-English specification | |
| Name | | Harmons Diekou & Biores | o DI C | | 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination | |
| □ Charge fee(s) indicated below ☑ Credit any overpayments ☐ Charge fee(s) indicated below, except for the filing fee □ 1252 450 2252 225 Exhasion for reply within first month 120 to the above-identified deposit account. Test CALCULATION 1253 1020 2253 510 Extension for reply within first month 120 the above-identified deposit account. 1254 1,599 12254 759 1225 225 225 Exhasion for reply within first month 120 the above-identified deposit account. 1251 120 2251 80 Extension for reply within first month 120 the above-identified deposit account. 1251 120 2252 225 25 Exhasion for reply within first month 120 the above-identified deposit account. 1251 120 2253 510 Extension for reply within first month 120 the above-identified deposit account. 1251 120 2253 510 Extension for reply within first month 120 the above-identified deposit account. 1251 120 2253 510 Extension for reply within first month 120 the above-identified deposit account. 1251 120 2253 510 Extension for reply within first month 120 the above-identified deposit account. 1251 120 2253 510 Extension for reply within first month 120 the above-identified deposit account. 1251 120 2253 510 Extension for reply within first month 120 the above-identified deposit account. 1251 120 2253 510 Extension for reply within first month 120 the above-identified deposit account. 1251 120 2253 510 Extension for reply within first month 120 the above-identified deposit account. 1251 120 2253 510 Extension for reply within first month 120 the above-identified deposit account. 1251 120 2253 510 Extension for reply within first month 120 Extension for reply with | | namess, Dickey & Field | e, FLC | | 1804 | 920* | 1804 | 920* | | |
| Characteristic deposits account to the above-identified deposit account to the above identified to t | | | | ents | 1805 | 1,840* | 1805 | 1,840* | | |
| 1. BASIC FILING FEE Tee Fee | | | | application | 1251 | 120 | 2251 | 60 | Extension for reply within first month | 120 |
| Second S | | | for the filing fee | | 1252 | 450 | 2252 | 225 | | |
| 1. BASIC FILING FEE Large Entity Small Entity | | FEE CALCULA | TION | | 1253 | 1020 | 2253 | 510 | | |
| Total Claims 18 | | | | | 1254 | 1,590 | | | Extension for reply within fourth | |
| Code (\$) Code (\$) Code (\$) Code Cod | | | ariation | | 1255 | 2,160 | 2255 | 1080 | | |
| 1011 300 2011 150 Utility filing fee 1012 200 2012 100 Design filing fee 1403 1003 200 2013 300 Plant filing fee 1452 500 2453 550 Petition to revive — unavoidable 1453 1500 2453 750 Petition to revive — unavoidable 1453 1500 2453 750 Petition to revive — unavoidable 1453 1500 2453 750 Petition fee under 37 CFR 1.17(f) 1462 400 1462 400 Petition fee under 37 CFR 1.17(f) 1464 130 1464 130 Petition fee under 37 CFR 1.17(f) 1464 130 1464 130 Petition fee under 37 CFR 1.17(f) 1464 130 1464 130 Petition fee under 37 CFR 1.17(f) 1464 130 Petition fee under 37 CFR 1.17(g) Petition fee under 37 CFR 1.17(| | | cription | Fee Paid | 1401 | 500 | 2401 | 250 | Notice of Appeal | |
| 1013 200 2013 100 Plant filling fee 1014 300 2014 150 Reissue filling fee 1453 1500 2453 750 Petition to revive — unavoidable 1463 1500 2453 750 Petition foe under 37 CFR 1.17(f) 1464 300 1462 400 463 200 Petition fee under 37 CFR 1.17(g) 1464 300 1463 200 Petition fee under 37 CFR 1.17(g) 1464 300 1463 200 1463 200 Petition fee under 37 CFR 1.17(g) 1464 300 1463 200 Petition fee under 37 CFR 1.17(g) 1464 300 1463 200 Petition fee under 37 CFR 1.17(g) 1464 300 Petition fee under 37 CFR 1.17(g) 1464 | | | ng fee | | 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal | |
| 1014 300 2014 150 Reissue filing fee 1453 1500 2453 750 Petition to revive — unintentional 1462 400 1462 400 1462 400 Petition fee under 37 CFR 1.17(f) 1464 300 1463 300 1464 400 1464 400 | 1012 200 2 | 012 100 Design fi | iling fee | | 1403 | 1000 | 2403 | 500 | Request for oral hearing | |
| 1462 400 1462 400 40 | 1013 200 2 | 013 100 Plant filir | ng fee | | 1452 | 500 | 2452 | 250 | Petition to revive – unavoidable | |
| SUBTOTAL (1) (\$) 0 1463 200 1463 200 Petition fee under 37 CFR 1.17(g) 1464 130 1464 130 Petition fee under 37 CFR 1.17(g) 1464 130 1464 130 Petition fee under 37 CFR 1.17(g) 1464 146 146 1464 130 Petition fee under 37 CFR 1.17(g) 1464 146 1464 130 Petition fee under 37 CFR 1.17(g) 1464 146 1464 130 Petition fee under 37 CFR 1.17(g) 1464 1464 130 Petition fee under 37 CFR 1.17(g) 1464 1464 130 Petition fee under 37 CFR 1.17(g) 1464 1464 130 Petition fee under 37 CFR 1.17(g) 1464 1464 1464 1464 1464 1464 1464 146 | 1014 300 2 | 014 150 Reissue | filing fee | | 1453 | 1500 | 2453 | 750 | Petition to revive – unintentional | |
| SUBTOTAL (1) (\$) 0 | 1005 200 2 | 005 100 Provision | nal filling fee | | 1462 | 400 | 1462 | 400 | Petition fee under 37 CFR 1.17(f) | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from Fee below Paid Total Claims 18 -20 ** = 0 | 1 | | _ | | 1463 | 200 | 1463 | 200 | Petition fee under 37 CFR 1.17(g) | |
| Extra Claims 18 | | SUBTOTAL (1) | L | (\$) 0 | 1464 | 130 | 1464 | 130 | Petition fee under 37 CFR 1.17(h) | |
| Total Claims 18 | 2. EXTRA CLA | M FEES FOR UTILI | ITY AND REISS | UE | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) | |
| Total Claims 18 | | Extra | Fee from | Fee | 1806 | 180 | 1806 | 180 | | |
| Substotal (2) Substotal (3) Substotal (4) Substotal (5) Substotal (4) Substotal (5) Substotal (4) Substotal (5) Substotal (4) Substotal (4 | Independent | -20 ** = 0 | _ × | = 0 | 8021 | 40 | 8021 | 40 | per property (times number of | |
| 1810 790 2810 395 For each additional invention to be examined (37 CFR § 1.129(b)) | Multiple | | | = 0 | 1809 | 790 | 2809 | 395 | | |
| The Code Fee Code | · | Small Entity | | L | 1810 | 790 | 2810 | 395 | | |
| 1201 200 2201 100 Independent claims in excess of 3 1203 360 2203 180 Multiple dependent claims over original patent 1204 200 2204 100 **Reissue independent claims over original patent 1205 50 2205 25 **Reissue claims in excess of 20 and over original patent 111 500 2111 250 | | | Description | | 1801 | 790 | 2801 | 395 | | 790 |
| 1203 360 2203 180 Multiple dependent claim, if not paid 1204 200 2204 100 "Reissue independent claims over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "SUBTOTAL (2) (\$) 0 | 1202 50 | 2202 25 Clair | ms in excess of 20 | | Other fe | e (specif | fy) | | | |
| 1203 360 2203 180 Multiple dependent claim, if not paid 1204 200 2204 100 "Reissue independent claims over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent 1111 500 2111 250 | | | • | | *Reduc | ed by B | asic Fili | na Fee F | Paid SUBTOTAL (3) (\$)910 | |
| 1204 200 2204 100 original patent 1111 500 2111 250 Utility Search Fee 1112 100 2112 50 Design Search Fee 1113 300 2113 150 Plant Search Fee 1114 500 2114 250 Reissue Search Fee 1114 250 | 1203 360 | | | - | | _ | | - | 1,1 | |
| 1205 50 2205 25 "Reissue claims in excess of 20 and over original patent 1112 100 2112 50 Design Search Fee 1113 300 2113 150 Plant Search Fee 1114 500 2114 250 Reissue Search Fee 1114 500 2311 100 Utility Examination Fee 1312 130 2312 65 Design Examination Fee 1313 160 2313 80 Plant Examination Fee 1314 600 2314 300 Reissue Examination Fee 1314 600 2314 300 Reissue Examination Fee 1314 Substitute For number previously paid, if greater; For Reissues, see above (\$)0 | 1204 200 | . 2204 1DO | | claims over | | | | | | |
| SUBTOTAL (2) (\$) 0 1113 300 2113 150 Plant Search Fee 1114 500 2114 250 Reissue Search Fee 11114 500 2311 100 Utility Examination Fee 1312 130 2312 65 Design Examination Fee 1313 160 2313 80 Plant Examination Fee 1314 600 2314 300 Reissue Examination Fee 1314 600 2314 600 2314 600 Reissue Examination Fee 1314 600 Reissue Exam | | # D | | ess of 20 and | | | | | • | |
| SUBTOTAL (2) (\$) 0 1114 500 2114 250 Reissue Search Fee 1311 200 2311 100 Utility Examination Fee 1312 130 2312 65 Design Examination Fee 1313 160 2313 80 Plant Examination Fee 1314 600 2314 300 Reissue Examination Fee 1314 600 2314 300 Reissue Examination Fee 1314 600 1314 600 1314 600 1314 600 1314 600 1314 600 1314 600 1314 600 1314 600 1314 600 1314 600 1314 600 1314 600 1314 600 | 1205 50 | 7705 75 | | | | | | | | |
| 1311 200 2311 100 Utility Examination Fee 1312 130 2312 65 Design Examination Fee 1313 160 2313 80 Plant Examination Fee 1314 600 2314 300 Reissue Examination Fee 1314 600 | | | | | | | | | | |
| 1312 130 2312 65 Design Examination Fee 1313 160 2313 80 Plant Examination Fee 1314 600 2314 300 Reissue Examination Fee SUBTOTAL (4) (\$)0 | | SUBTOTA | L (2) (\$) 0 | | i i | | | | | |
| 1313 160 2313 80 Plant Examination Fee 1314 600 2314 300 Reissue Examination Fee SUBTOTAL (4) (\$)0 | | | L | | | - 1 | | | • | |
| **or number previously paid, if greater; For Reissues, see above | | | | | | | | • | | |
| **or number previously paid, if greater; For Reissues, see above | | | | | | | | | | |
| | **or number previo | usly paid, if greater; For Re | issues, see above | | | | | | | |
| SUBMITTED BY Complete (if applicable) | SUBMITTED BY | | | | | | | | Complete (if applicable) | |

| SUBMITTED BY Complete (if applicable) | | | | | |
|---------------------------------------|--------------------|--------------------------------------|--------|-----------|------------------|
| Name (Print/Type) | John A. Castellano | Registration No. (Attorney/Agent) | 35,094 | Telephone | 703-668-8000 |
| Signature FOR | Thomas Muett | er one #37275 | | Date | October 23, 2006 |